JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF BIOLOGICAL AND PHYSICAL SCIENCES

UNIVERSITY EXAMINATIONS FOR THE DEGREE OF BACHELOR OF SCIENCE IN BIOLOGICAL SCIENCES

4th YEAR 2nd SEMESTER 2018 /2019 ACADEMIC YEAR

MAIN CAMPUS - REGULAR

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INSTRUCTIONS:

1. **Answer all questions in Section A and any TWO questions in Section B**
2. **Candidates are advised not to write on the question paper**
3. **Candidate must hand in their answer booklets to the invigilator while in the examination room**

SECTION A (30 MARKS)

1. State the role of a traditional healer in a traditional society. 3 marks

2. Explain any three signs indicating that medicinal plants are fast disappearing. 3 marks

3. Explain why air drying as the preferred method for herbal preparations. 3 marks

4. Name three plants that cause poisoning to livestock and one poisoning symptom for each.
3 marks

5. List any three advantages of the use of herbal medicine. 3 marks

6. Differentiate between pharmacognosy and pharmacology. 3 marks

7. Distinguish between drenching and drinking in traditional veterinary medicine.
3 marks

8. List three methods of drug application. 3 marks

9. Distinguish between traditional birth attendant and traditional surgeon. 3 marks

10. List three negative aspects of the use of medicinal plant use. 3 marks

SECTION B (40 MARKS SELECT ANY TWO)

11. Explain how traditional knowledge on medicinal plant use is acquired and transmitted in Kenya. 20 marks

12. Give a historical account of the development and use of medicinal plants. 20 marks

13. Discuss common methods of drug preparation drug preparation across traditional cultures in Kenya. 20 marks

14. Citing relevant examples, give an account of active ingredients in commonly used drug plants.
20 marks